

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Mitsuo KONNO

Application No.: New US Patent Application

Filed: July 25, 2001

Docket No.: 110188

For: MICROCHIP CONTROLLER BOARD AND MANUFACTURING METHOD
THEREOF

PRELIMINARY AMENDMENT

Director of the U.S. Patent and Trademark Office
Washington, D. C. 20231

Sir:

Prior to initial examination, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claims 3 and 4 as follows:

3. (Amended) The microchip controller board according to claim 1, wherein the gap of the disconnected portion of said operating circuit pattern is 0.2 mm or less.

4. (Amended) The microchip controller board according to claim 1, wherein a shape of the disconnected portion of said operating circuit pattern is formed into circularity.

Please add new claims 7-9 as follows:

--7. The microchip controller board according to claim 2, wherein the gap of the disconnected portion of said operating circuit pattern is 0.2 mm or less.--

--8. The microchip controller board according to claim 2, wherein a shape of the disconnected portion of said operating circuit pattern is formed into circularity.--

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--9. The microchip controller board according to claim 3, wherein a shape of the disconnected portion of said operating circuit pattern is formed into circularity.--

REMARKS

Claims 1-9 are pending. Claims 3 and 4 are amended to eliminate multiple dependencies and claims 7-9 are added to compensate for subject matter deleted from multiple dependent claims 3 and 4. Prompt and favorable consideration on the merits is respectfully requested.

The attached Appendix includes marked-up copies of each rewritten claim (37 C.F.R. §1.121(c)(1)(ii)).

Respectfully submitted,



James A. Oliff
Registration No. 27,075

Thomas J. Pardini
Registration No. 30,411

JAO:TJP/zmc

Attached: APPENDIX

Date: July 25, 2001

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461
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APPENDIX

Changes to Claims:

Claims 7-9 are added.

The following are marked-up versions of the amended claims:

3. ~~(Amended)~~ The microchip controller board according to claim 1 ~~or~~ 2, wherein the gap of the disconnected portion of said operating circuit pattern is 0.2 mm or less.

4. ~~(Amended)~~ The microchip controller board according to claim 1 ~~any one of~~ ~~claims 1 to 3~~, wherein a shape of the disconnected portion of said operating circuit pattern is formed into circularity.